

Android Application -- BuzzBee Requirement Document

Team:

GoldenBros

TeamMember:

Name:

Zijun Wang

Shuai Wang

Ge Jin

Andrew_ID:

zijunwan

shuaiwa1

gjin

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1.List of android features:

--camera:

Used for the realname system, which ensure safety. If a user doesn't upload his/her own profile,he/she has no access to issue an activity.Besides, activity holders could upload pictures to attract others to take part in their activities.Participants can take activity photos and share them on BuzzBee or other social network.

--Microphone:

When a group of people are planning to do the same thing together, one chat group is created automatically for them. They can communicate with each other via text or voice. Also, for user information, one can use voice to introduce himself/herself.

--GPS:

Direct participants how to get to the activity location. Ensure safety by pointing out current location of user.

2. Use Cases:

--Login:

The use case begins when the actor types his/her username and password on the login form. The system validates the username and password, then logs him/her into the system. The system displays the Main Form and the use case ends.

However if in the basic flow the system cannot find the name or the password is invalid, an error message is displayed. The actor can type in a new name or password or choose to cancel the operation, at which point the use case ends.

--Complete personal information:

The use case begins when the actor choose "User" screen. The actor is required to upload personal picture. He/She can choose one from Existing photo or Take a Photo. The actor can modify or supplement personal information. One of the special feature of BuzzBee is to allow the actor add short voice introduction of him/herself. The actor click "Save" and the use case ends.

If in the basic flow the system detects that the required items are not complete, the actor can't submit the modification. The actor should complete required items at which point the use case ends.

--Issue an event:

In the event page, one can issue an event. The actor type in basic activity information: name, time, location and category. One of the special feature of BuzzBee is to allow the actor to use one of the strategies to make a description about the activity: upload pictures and set the location of the event. The actor click "Issue" and the use case ends.

But if in the basic flow the system detects that the information about an activity is incomplete, there shows a dialog to notify "Please fulfill all important information". The actor fill up required information to make it

successful or click “Quit” to cancel the operation, at which point the use case ends.

--Find an event:

In the event page, one can find an event and join it. All the events have been listed on the screen. The actor can join the activity he/she might be interested in that shows in screen. The actor can invite friends to join the same activity. The actor clicks “I’m in” and the use case ends.

--Chat with others:

If some users all join in one event or they are friends, they can chat with each other. They can start a chat in friend page or in event page. They can also see the chat records in chatlist.

--Make a friend:

Adding friends from group chats as people can see each other directly in the activity group. They can make friends directly.

--Get direction to the activity location:

One can get his/her location through a link to google map. Given one's place, one can also get how to get to the activity's place through google map. One can get how far it is when viewing the activity or another's profile. When setting the event location, he can only press the exact location at the screen for 2 seconds then the place can be set successfully.

3. Use story:

John is a white collar working in the busy New York city. Devoted wholly into his work in normal days while being a new settler in this city, John rarely has time to make friends with the local people and thus finds it hard to relax himself in holidays. In order to break the ice of feeling lonely, he tried to widen his circle by making friends on the Internet through social application like Facebook and Twitter. However, users on the net merely organize activities with persons who make acquaintances in the virtual world. John had also tried to find travel mates through the Internet social network. But the huge gap between one's behavior in reality and in the internet ruined the travel he had long expected for.

In order to solve this problem, John begins to use BuzzBee so as to help him be more easier to join group activity and lead new lifestyle. He first completed his user profile. At the beginning he only fills the basic requirement that the application asks, like name, age and . Thus when he searches events, the app pops so many activity for him to choose, most among which are the ones that he did not find himself interested in. After making the user profile more complete by filling in his hobby, interest and bias for mates, John found it much easier to find his interested events. Activities are prompted out in an order of decreasing suitability on user information. Normally John can find the desired events in the top five results, which saves much of this searching time.

In the past, although John joined several events of his own interest, he had only enjoyed himself in a few among the activities. The unhappy experience was mostly due to the co-participants and organizers. Lack of experience or responsibility, some organizers had rarely taken the desire of participants into account so that the event may not be participant friendly. In addition, different backgrounds and personalities of participants also made John feel hard to make an agreeable talk with others. The evaluation system of BuzzBee helped John a lot in resolving this problem. Each user

in this app has his own evaluation data assessed by other users. After each event, participants can give comments to organizers and co-participants on their behaviors before and during the activity. By making a review on the feedback of an organizer and the people who wants to join the events, John can make a prejudgment on the activity. Happily, this system has helped him be more possible to enjoy himself in an event with good preparation by responsible organizer and friendly participants.

John had tried to organize activities in past days. However, being busy in his work days while lacking experience of being a leadership, he always found it hard take thorough consideration into account. As a result, participants could hardly enjoy his event, which also made him lose his confidence. Surprisingly, John found that BuzzBee offers a functionality which helps ones more easily to organize a successful event. By selecting specific type of activity you want to issue, BuzzBee will offer several high-rated events of similar theme held recently. Thus you can go through the details of those events and consult their organizers for opinions as well. In addition, BuzzBee can help you recruit co-organizers. By posting your ideas, other people who has the same intention may join your team. What's more, BuzzBee will also give you hints to fulfill the activity details automatically so as to make the event description more complete. Aided by these functions, John has gradually built his own confidence as being a leader by holding several high-rated events in the past. Compliments from co-organizers and participants and suggestions from other event holders have made John be more energetic in his daily life as well.

